

EUROPEAN PATENT OFFICE

Patent Abstracts of Japan

PUBLICATION NUMBER : 6312-247
PUBLICATION DATE : 27-05-88

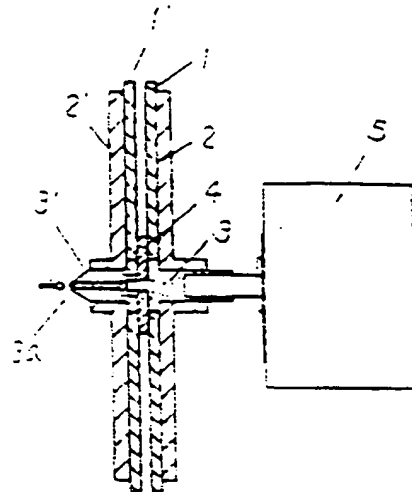
APPLICATION DATE : 13-11-86
APPLICATION NUMBER : 61270250

APPLICANT : MATSUSHITA ELECTRIC IND CO LTD:

INVENTOR : YASHIRO MITSURU:

INT.CL : G11B 7/26

TITLE : PRODUCTION OF OPTICAL DISK



ABSTRACT : PURPOSE: To form the uniform outside circumferential wall and to obtain an optical disk having high accuracy by perpendicularly holding two sheets of disk substrates in such a manner that recording layers face each other at a specified spacing and injecting an adhesive agent into the spacing from the center of the substrates while rotating the substrates.

CONSTITUTION: The optical disk substrates 1, 1' formed with the recording layers on the opposed surfaces are sucked under vacuum to optical disk substrate holders 2, 2'. Spacers 3, 3' for determining the center of the disk substrates 1, 1' are made of fluoroplastic so as to contact the adhesive agent 4. The adhesive agent 4 is injected into the spacing **between two sheets of suck disk substrates 1, 1' from the enter thereof while the substrates are perpendicularly held and are kept rotated.** The influence of gravity is then canceled and the adhesive agent is evenly spread toward the outside circumference. The liquid drops can no longer follow up the rotation of the disk substrate 1 when the viscosity of the adhesive agent 4 increases on progression of curing thereof. The balance is then maintained by slowing down the rotation of a motor 5. The liquid drops are thereby entirely annihilated in the final and the uniform outside circumferential wall is formed.

COPYRIGHT: (C)1988,JPO&Japio